

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/833,506CDATE: 08/13/1999
TIME: 16:13:46

INPUT SET: S32924.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

ENTERED

SEQUENCE LISTING

1
2
3 (1) General Information:
4 (i) APPLICANT: ROBERT WEBBER
5 (ii) TITLE OF INVENTION: IMMUNOASSAY METHOD EMPLOYING
6 MONOCLONAL ANTIBODY REACTIVE TO HUMAN
7 iNOS
8 (iii) NUMBER OF SEQUENCES: 126
9 (iv) CORRESPONDENCE ADDRESS:
10 (A) ADDRESSEE: BIELEN, PETERSON & LAMPE
11 (B) STREET: 1990 N. CALIFORNIA BOULEVARD, SUITE 720
12 (C) CITY: WALNUT CREEK
13 (D) STATE: CALIFORNIA
14 (E) COUNTRY: UNITED STATES OF AMERICA
15 (F) ZIP: 94596
16 (v) COMPUTER READABLE FORM:
17 (A) MEDIUM TYPE: DISKETTE 3.5 INCH, 1.44 MB FOR FORMATTED
18 (B) COMPUTER: IBM PC COMPATIBLE
19 (C) OPERATING SYSTEM: DOS
20 (D) SOFTWARE: WORDPERFECT 5.1
21 (vi) CURRENT APPLICATION DATA:
22 (A) APPLICATION NUMBER: 08/833,506
23 (B) FILING DATE: 7 April 1997
24 (C) CLASSIFICATION:
25 (vii) PRIOR APPLICATION DATA:
26 (A) APPLICATION NUMBER: 08/634,332
27 (B) FILING DATE: 12 APRIL 1996
28 (viii) ATTORNEY/AGENT INFORMATION:
29 (A) NAME: THEODORE J. BIELEN, JR.
30 (B) REGISTRATION NUMBER: 27,420
31 (C) REFERENCE/DOCKET NUMBER: 12280
32 (ix) TELECOMMUNICATION INFORMATION:
33 (A) TELEPHONE: (925) 937-1515
34 (B) TELEFAX: (925) 937-1529
35
36
37 (2) INFORMATION FOR SEQ ID NO: 1:
38 (i) SEQUENCE CHARACTERISTICS:
39 (A) LENGTH: 18
40 (B) TYPE: AMINO ACID
41 (D) TOPOLOGY: LINEAR
42 (ii) MOLECULE TYPE: PEPTIDE
43 (ix) FEATURE:
44 (A) NAME/KEY: HUMAN iNOS (25-42)
45 (B) LOCATION:
46 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/833,506CDATE: 08/13/1999
TIME: 16:13:47

INPUT SET: S32924.raw

47 (D) OTHER INFORMATION:

48

49

50 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

51

52 Asn Asn Asn Val Glu Lys Ala Pro Cys Ala Thr Ser Ser

53

5

10

54 Pro Val Thr Gln Asp

55

15

56

57

58 (2) INFORMATION FOR SEQ ID NO: 2:

59 (i) SEQUENCE CHARACTERISTICS:

60 (A) LENGTH: 18

61 (B) TYPE: AMINO ACID

62 (D) TOPOLOGY: LINEAR

63 (ii) MOLECULE TYPE: PEPTIDE

64 (ix) FEATURE:

65 (A) NAME/KEY: MOUSE iNOS (25-42)

66 (B) LOCATION:

67 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

68 (D) OTHER INFORMATION:

69 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

70

71 Asn Asn Asn Val Lys Lys Thr Pro Cys Ala Val Leu Ser

72

5

10

73 Pro Thr Ile Gln Asp

74

15

75

76

77 (2) INFORMATION FOR SEQ ID NO: 3:

78 (i) SEQUENCE CHARACTERISTICS:

79 (A) LENGTH: 18

80 (B) TYPE: AMINO ACID

81 (D) TOPOLOGY: LINEAR

82 (ii) MOLECULE TYPE: PEPTIDE

83 (ix) FEATURE:

84 (A) NAME/KEY: RAT iNOS (25-42)

85 (B) LOCATION:

86 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

87 (D) OTHER INFORMATION:

88 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

89

90 Asn Asn Asn Val Glu Lys Thr Pro Gly Ala Ile Pro Ser

91

5

10

92 Pro Thr Thr Gln Asp

93

15

94

95

96 (2) INFORMATION FOR SEQ ID NO: 4:

97 (i) SEQUENCE CHARACTERISTICS:

98 (A) LENGTH: 18

99 (B) TYPE: AMINO ACID

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/833,506CDATE: 08/13/1999
TIME: 16:13:48

INPUT SET: S32924.raw

100 (D) TOPOLOGY: LINEAR
101 (ii) MOLECULE TYPE: PEPTIDE
102 (ix) FEATURE:
103 (A) NAME/KEY: HUMAN iNOS (37-54)
104 (B) LOCATION:
105 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
106 (D) OTHER INFORMATION:
107 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
108
109 Ser Pro Val Thr Gln Asp Asp Leu Gln Tyr His Asn Leu
110 5 10
111 Ser Lys Gln Gln Asn
112 15
113
114
115 (2) INFORMATION FOR SEQ ID NO: 5:
116 (i) SEQUENCE CHARACTERISTICS:
117 (A) LENGTH: 18
118 (B) TYPE: AMINO ACID
119 (D) TOPOLOGY: LINEAR
120 (ii) MOLECULE TYPE: PEPTIDE
121 (ix) FEATURE:
122 (A) NAME/KEY: HUMAN iNOS (781-798)
123 (B) LOCATION:
124 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
125 (D) OTHER INFORMATION:
126 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
127
128 Pro Ala Leu Val Gln Gly Ile Leu Glu Arg Val Val Asp
129 5 10
130 Gly Pro Thr Pro His
131 15
132
133
134 (2) INFORMATION FOR SEQ ID NO: 6:
135 (i) SEQUENCE CHARACTERISTICS:
136 (A) LENGTH: 18
137 (B) TYPE: AMINO ACID
138 (D) TOPOLOGY: LINEAR
139 (ii) MOLECULE TYPE: PEPTIDE
140 (ix) FEATURE:
141 (A) NAME/KEY: MOUSE iNOS (776-792)
142 (B) LOCATION:
143 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
144 (D) OTHER INFORMATION:
145 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
146
147 Xaa Ala Leu Val Gln Gly Ile Leu Glu Arg Val Val Asp
148 5 10
149 Cys Pro Thr Pro His
150 15
151
152

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/833,506CDATE: 08/13/1999
TIME: 16:13:49

INPUT SET: S32924.raw

153
154 (2) INFORMATION FOR SEQ ID NO: 7:
155 (i) SEQUENCE CHARACTERISTICS:
156 (A) LENGTH: 18
157 (B) TYPE: AMINO ACID
158 (D) TOPOLOGY: LINEAR
159 (ii) MOLECULE TYPE: PEPTIDE
160 (ix) FEATURE:
161 (A) NAME/KEY: RAT iNOS (780-794)
162 (B) LOCATION:
163 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
164 (D) OTHER INFORMATION:
165 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
166
167 Xaa Xaa Leu Val Gln Gly Ile Leu Glu Arg Val Val Asp
168 5 10
169 Cys Ser Ser Pro Xaa
170 15
171
172
173 (2) INFORMATION FOR SEQ ID NO: 8:
174 (i) SEQUENCE CHARACTERISTICS:
175 (A) LENGTH: 18
176 (B) TYPE: AMINO ACID
177 (D) TOPOLOGY: LINEAR
178 (ii) MOLECULE TYPE: PEPTIDE
179 (ix) FEATURE:
180 (A) NAME/KEY: HUMAN iNOS (985-1002)
181 (B) LOCATION:
182 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
183 (D) OTHER INFORMATION:
184 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
185
186 Gly Ile Val Pro Phe Arg Ser Phe Trp Gln Gln Arg Leu
187 5 10
188 His Asp Ser Gln His
189 15
190
191
192 (2) INFORMATION FOR SEQ ID NO: 9:
193 (i) SEQUENCE CHARACTERISTICS:
194 (A) LENGTH: 18
195 (B) TYPE: AMINO ACID
196 (D) TOPOLOGY: LINEAR
197 (ii) MOLECULE TYPE: PEPTIDE
198 (ix) FEATURE:
199 (A) NAME/KEY: MOUSE iNOS (978-995)
200 (B) LOCATION:
201 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
202 (D) OTHER INFORMATION:
203 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
204
205

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/833,506CDATE: 08/13/1999
TIME: 16:13:51

INPUT SET: S32924.raw

206 Gly Ile Ala Pro Phe Arg Ser Phe Trp Gln Gln Arg Leu
207 5 10
208 His Asp Ser Gln His
209 15
210
211

212 (2) INFORMATION FOR SEQ ID NO: 10:

213 (i) SEQUENCE CHARACTERISTICS:

214 (A) LENGTH: 18

215 (B) TYPE: AMINO ACID

216 (D) TOPOLOGY: LINEAR

217 (ii) MOLECULE TYPE: PEPTIDE

218 (ix) FEATURE:

219 (A) NAME/KEY: RAT iNOS (982-998)

220 (B) LOCATION:

221 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

222 (D) OTHER INFORMATION:

223 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:

224
225 Gly Ile Ala Pro Phe Arg Ser Phe Trp Gln Gln Arg Leu
226 5 10
227 His Asp Ser Gln His
228 15
229
230

231 (2) INFORMATION FOR SEQ ID NO: 11:

232 (i) SEQUENCE CHARACTERISTICS:

233 (A) LENGTH: 18

234 (B) TYPE: AMINO ACID

235 (D) TOPOLOGY: LINEAR

236 (ii) MOLECULE TYPE: PEPTIDE

237 (ix) FEATURE:

238 (A) NAME/KEY: HUMAN nNOS (1256-1273)

239 (B) LOCATION:

240 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

241 (D) OTHER INFORMATION:

242 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:

243
244 Gly Ile Ala Pro Phe Arg Ser Phe Trp Gln Gln Arg Gln
245 5 10
246 Phe Asp Ile Gln His
247 15
248
249

250 (2) INFORMATION FOR SEQ ID NO: 12:

251 (i) SEQUENCE CHARACTERISTICS:

252 (A) LENGTH: 18

253 (B) TYPE: AMINO ACID

254 (D) TOPOLOGY: LINEAR

255 (ii) MOLECULE TYPE: PEPTIDE

256 (ix) FEATURE:

257 (A) NAME/KEY: HUMAN eNOS (1017-1031)

258 (B) LOCATION:

PAGE: 1

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/08/833,506C

DATE: 08/13/1999
TIME: 16:13:52

INPUT SET: S32924.raw

Line

Error

Original Text